

PMTS 2019 NEWS - For Immediate Release

News From: Absolute Machine Tools, Inc.
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With Art: *Tongtai VTX-5 Vertical Machining Center*

**Absolute Machine Tools Demonstrates New Tongtai VTX-5 Vertical Machining
Center
at PMTS Booth 3050**

[LORAIN, OH – JANUARY 2019] Absolute Machine Tool will introduce the Tongtai VTX-5 [vertical machining center](#) in booth 3050 at PMTS 2019. The VTX-5 is a fixed column, moving table CNC milling and tapping center engineered for high volume, high precision machining. The machine features X, Y, and Z axis travels of 20" x 15.7" x 11.8" (508 mm x 398 mm x 300 mm). Roller-type linear slideways maximize rigidity and control machine motion. Class 3, 1"(25mm)-dia. ball screws with a double nut pre-loaded design permit a standard rapid traverse rate of 2,362 ipm (60 m/min) for all axes and acceleration of 1.2G. An APS (Absolute Pulse Coder) servo system enables the machine to be started from any position.

The VTX machine is equipped with either a 21 tool turret-type or 20 tool arm-type automatic tool changing system. With the 21-station changer, change times are 1.4 seconds tool to tool and 1.9 seconds chip to chip. The 20-tool high-speed arm-type changer reduces tool change times to 0.8 seconds and 1.3 seconds chip to chip. The machines' standard 7.5 hp, 12,000 rpm direct-drive spindle provides rigid tap speeds up to 6,000 rpm. An optional 24,000 rpm direct drive spindle delivers high cutting speeds for aluminum and magnesium parts as well as graphite. A BBT-30 (Big Plus dual-contact) taper is standard for rigid milling. Through-spindle coolant capability is standard, as is a spindle chiller. The machines' bed flushing system provides efficient chip removal.

The standard Mitsubishi M80A control features a 10.4" (265 mm) touch screen with intuitive smart phone type operation and is suitable for a wide range of applications from production to high speed machining applications

For more information, visit [PMTS 2019 booth 3050](#), browse www.absolutemachine.com, or call 800-852-7825.

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About Absolute Machine Tools, Inc.

Absolute Machine Tools, Inc. sells and supports Johnford Bridge & Gantry Mills; You Ji Vertical Turret Lathes; Tongtai Horizontal Machining Centers (former Hitachi-Seiki OEM); Quicktech Multi-Axis Multi-Spindle Mill/Turn Centers; Lico Multi-Slide CNC Screw Machines and Twin Spindle Multi-Slide Mill/Turn Centers; Nexturn Swiss-type Lathes; AccuteX Wire EDM and Die Sinker Machines; APEC 5-axis Gantry-style Linear Motor Machining Centers; and Precihole Gundrilling Machines. The company has worked with several of its principal machine tool partners for over 25 years to offer some of the most heavy-duty, accurate, and productive machines in the industry. The company has built its reputation on exemplary applications engineering, service, customer support, comprehensive training, and effective preventive-maintenance programs. In addition to its headquarters in Lorain, Ohio, the company has established direct full-service technical centers in Mason, Ohio; Elgin, Illinois; and Livonia, Michigan. For more information, contact Absolute Machine Tools, Inc. at 800-852-7825 or www.absolutemachine.com.